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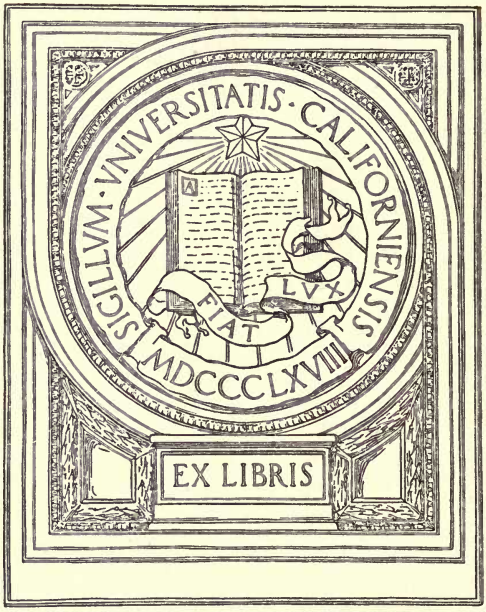

BIOLOGY
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CATALOGUE

OF

LAND SHELLS OF JAPAN

TO BE HAD OF

Y. HIRASE

SHIMOCHOJA-MACHI,
KARASUMARU, KYOTO, JAPAN.
1903.

QL426
J3H5
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HAVING collected Japanese land, fresh-water and marine shells for many years, the number of species in my possession has now reached several thousand. Among these are many new species, found by myself and my assistants. In the land shells especially, the new species outnumber those known before my researches began.

With the aid of numerous assistants I have been able to explore many parts of Japan, including the Riukiu (Loo-choo) Islands, and the Ogasawara (or Bonin) group, where a rich fauna of new and strange land shells was found. I hope in future to extend the work, and send collectors to China, Corea and Formosa.

All the species are sent to Dr. Pilsbry, of Philadelphia, U. S. A., who kindly determines them, so that I believe that those receiving specimens from me may place confidence in the names, and will find them an important and useful addition to their collections.

Attention is called to the importance of securing *authentic specimens from the original localities* of the many new species in my collections.

Catalogues of marine and fresh-water shells are in preparation.

Specimens will be sent on approval to purchasers known to me or giving satisfactory reference.

Y. HIRASE.

M90586

OF CALIFORNIA

CATALOGUE

OF

LAND SHELLS,

TO BE HAD OF

Y. HIRASE,

SHIMOCHOJA-MACHI, KARASUMARU, KYOTO, JAPAN.

NOTE.—Species and varieties marked thus * are new forms, described from specimens from my collection. Where no prices are given, specimens are not always in stock.

ACMELLA.

*853	vagans, Pils.	Hahajima, Ogasawara,	$0.08–.12
*856	minima, Pils.	Hahajima, Ogasawara,	.07–.10

ALYCAEUS.

*831b	biexcisus, Pils.	Suimura, Awa. (Shikoku),	.05–.08
*298	harimensis, Pils.	Kashima, Harima,	.05–.08
*996	harimensis, var. sadoensis, P. & H.	Aikawa, Sado,	
*476	hirasei, Pils.	Kyoto, Yamashiro,	.04–.07
*499	melanopoma, Pils.	Mikuriya, Suruga,	.04–.07
*298b	reinhardti, Pils.	Kashima, Harima,	.05–.08
*704	satsumanus, Pils.	Kagoshima, Satsuma.	
*723	tanegashimæ, Pils.	Tanegashima, Osumi.	
*916	vinctus, Pils.	Tanegashima, Osumi.	

AURICULA.

442	reiniana, Kob.	Hirado, Hizen,	.07–.12

BIFIDARIA.

619	armigerella, Reinh.	Yaeyama, Loochoo,	.05–.08
*798	ogasawarana, Pils.	Chichijima, Ogasawara.	
*797	chichijimana, Pils.	Chichijima, Ogasawara.	
757	plicidens, Benson.	Riozen, Omi.	

BLANFORDIA.

412	bensoni, A. Ad.	Shikunobe, Ojima,	.03–.05
*406	simplex, Pils.	Nishigo, Uzen,	.03–.05
990	japonica, A. Ad.	Sotokaifu, Sado.	

BULIMINOPSIS.

621	meiacoshimensis, A. Ad. & Rve.	Yaeyama, Loochoo,	.07–.12
*455	turrita, Gude.	Loochoo,	.05–.08

BULIMINUS.

311	andersonianus, Mlldff.	Shikunobe, Ojima,	.06–.10
*750a	andersonianus, var. echigoensis, P. & H.	Myokozan, Echigo.	
*468	callistoderma, Pils.	Hahajima, Ogasawara,	.05–.08
*758	callistoderma, var. hachijoensis, Pils.	Hachijo, Izu.	
*602	callistoderma, var. ogasawaræ, Pils.	Hahajima, Ogasawara,	.08–.15
*597	eucharistus, Pils.	Yaeyama, Loochoo.	
*478	hirasei, Pils.	Kikai, Osumi,	.08–.12
919	hiraseanus, Pils.	Hahajima, Ogasawara.	
*598	luchuanus, Pils.	Yaeyama, Loochoo.	
*930	luchuanus, var. oshimanus, Pils.	Oshima, Osumi.	
509	reinianus, Kob. v.	Shirakata, Sanuki.	
582	reinianus, Kob.	Arakura, Tosa,	.08–.12
587	reinianus, Kob. (small var.)	Okinoshima, Tosa.	
549	reinianus, var. extorris, Branc.	Kyoto, Yamashiro,	.06–.10

*411	reinianus, var. hokkaidoensis, Pils.	Shikunobe, Ojima,	.12–.20
*484	reinianus, var. omiensis, Pils.	Ibuki, Omi,	.08–.12

CARYCHIUM.

*618	cymatoplax, Pils.	Yaeyama, Loochoo,	.05–.08
*946	hachijoensis, Pils.	Hachijojhma, Iza.	
555	noduliferum, Reinh.	Nishigo, Uzen,	.04–.07
*729	pessimum, Pils.	Tanegashima, Osumi,	.06–.10

CASSIDULA.

445	labrella, Desh.	Hirado, Hizen,	.03–.05

CHLORITIS.

*958	albolabris, Pils. & Hir.	Yakushima, Osumi.	
*354	eucharistus, Pils.	Oshima, Osumi,	.25–.40
*981	echizenensis, Pils. & Hir.	Omushi, Echizen.	
*13	fragilis, Gude.	Kyoto, Yamashiro.	
*786	hirasei, Pils.	Kurozu, Kii.	
*843b	perpunctatus, Pils.	Totsugawa, Yamato.	
*735	pumila, Gude.	Mikuriya, Suruga.	

CLAUSILIA.

424	addisoni, Pils.	Kagoshima, Satsuma,	.05–.08
*663c	agna, Pils.	Yakushima, Osumi.	
*1014	aenea, Pils.	Tosa.	
501	attrita, Bttg.	Ibuki, Omi,	.05–.08
*764b	attrita, var. infausta, Pils.	Tomisato, Kii,	.07–.10
*1013	aratorum, Pils.	Tosa.	
*450b	aulacophora, Pils.	Fukura, Awaji,	.05–.08
*733b	aulacopoma, Pils.	Hirado, Hizen,	.06–.10
503	aurantiaca, Bttg.	Nohara, Yamato,	.05–.08
738	aurantiaca, var. erberi, Bttg.	Gojo, Yamato,	.05–.08
782	aurantiaca, var. plicidens, A. Ad.	Kashima, Kii,	.05–.08

*450a	awajiensis, Pils.	Fukura, Awaji,	.05–.08
*818	bigeneris, Pils.	Goto, Hizen.	
254	bilabrata, Smith.	Senzan, Awaji.	
*1002	bilabrata, var. tosaensis, Pils.	Shiujomura, Tosa.	
593	brevior, Mart.	Oshima, Izu,	.05–.08
*634	callistochila, Pils.	Kunchan, Loochoo.	
*894	caloptyx, Pils.	Yakushima, Osumi.	
*770c	caryostoma, var. jayi, Pils.	Jomura, Kii.	
434c	caryostoma, Mlldff.	Banzai, Awa.	
*306b	comes, Pils.	Kashima, Harima,	.06–.10
*632a	crenilabium, Pils.	Kunchan, Loochoo,	.08–.12
*632b	crenilabium, Pils. (var.)	Kunchan, Loochoo.	
*874	dæmonorum, Pils.	Kikai, Osumi.	
*819	dalli, Pils.	Tairiuji, Awa (Shikoku),	.07–.10
410a	digonoptyx, Bttg.	Nishigo, Uzen,	.05–.08
739a	ducalis, Kob.	Miyamura, Hida,	.10–.15
*913a	ducalis, var. decapitata, Pils.	Kashima, Harima.	
740	ducalis, var. dorcas, Pils.	Miyamura, Hida,	.10–.15
*765b	ducalis, var. mediocris, Pils.	Tomisato, Kii.	
*986	echigoensis, Pils.	Myokozan, Echigo.	
*663a	entospira, Pils.	Tanegashima, Osumi.	
*563	euholostoma, Pils.	Mikuriya, Suruga,	.07–.10
687	fultoni, Sykes.	Ushirogawa, Tosa.	
*794	graciæ, Pils.	Nachi, Kii,	.07–.10
592	hakonensis, Pils.	Oshima, Izu.	
*306a	harimensis, Pils.	Kashima, Harima,	.06–.10
*764a	heteroptyx, Pils.	Tomisato, Kii.	
*423	hirasei, Pils.	Kagoshima, Satsuma,	.04–.07
*586	hiraseana, Pils.	Okinoshima, Tosa,	.06–.10
*546b	hokkaidoensis, Pils.	Kayabe, Ojima.	
*789	holotrema, Pils.	Nachi, Kii.	
686	hyperolia, Mart.	Oshima, Izu,	.06–.10

*457	hyperoptyx, Pils.	Loochoo,	.05–.07
*733	subignobilis, Pils.	Hirado, Hizen,	.05–.07
*486b	iotaptyx, Pils.	Ibuki, Omi,	.08–.12
*292	iotaptyx, var. clava, Pils.	Senzan, Awaji,	.05–.08
*657a	ischna, Pils.	Kioragi, Higo,	.06–.10
*754	jacobiana, Pils.	Tanegashima, Osumi,	.05–.08
56a	japonica, Crosse.	Senzan, Awaji,	.04–.06
198	japonica, Crosse. (large var.)	Takeya, Izumo,	.04–.06
*403	japonica, var. interplicata, Pils.	Nishigo, Uzen,	.05–.07
11	japonica, var. nipponensis, Kob.	Kyoto, Yamashiro,	.03–.05
*56e	japonica, var. perobscura, Pils.	Shirono, Buzen,	.08–.12
*657b	kochiensis, Pils.	Kioragi, Higo,	.08–.12
*934	kurozuensis, Pils.	Kurozu, Kii.	
564	martensi, Herklots.	Mikuriya, Suruga,	.07–.10
500	martensi, var. reiniana, Kob.	Ibuki, Omi,	.07–.10
*768	martensi, var. tinctilabris, Pils.	Nachi, Kii.	.08–.12
737	micropeas, Mlldff. (var.)	Mikuriya, Suruga,	.05–.08
*486a	mikado, Pils.	Ibuki, Omi,	.05–.08
*654	mima, Pils.	Oshima, Osumi.	
*762	mitsukurii, Pils.	Tomisato, Kii,	.10–.15
*546a	monelasmus, Pils.	Kayabe, Ojima,	.05–.08
*646	munus, Pils.	Oshima, Osumi,	.06–.10
*932	neniopsis, Pils.	Oshima, Osumi.	
*652	nesiothauma, Pils.	Oshima, Osumi,	.10–.15
*434	nolani, Pils.	Fukura, Awaji,	.07–.12
463	oostoma, Mlldff.	Mikuriya, Suruga,	.04–.06
*926	oostoma, var. goniopoma, Pils.	Wakayama, Kii.	
*696	oostoma, var. dactylopoma, Pils.	Kashio, Awaji.	

*748	orthatracta, Pils.	Akasaka, Mino.	
*674	oscariana, Pils.	Fukuregi, Higo,	.08–.15
*653a	oshimæ, Pils.	Oshima, Osumi.	
*695	oxycyma, Pils.	Kagoshima, Satsuma.	
*954	pachyspira, Pils.	Miyai, Kii.	
*584	perignobilis, Pils.	Okinoshima, Tosa,	.06–.10
*410b	perpallida, Pils.	Nishigo, Uzen,	.08–.12
*306c	pigra, Pils.	Kashima, Harima,	.06–.10
*663b	pinto, Pils.	Tanegashima, Osumi,	.06–.10
*817	plagioptyx, Pils.	Goto, Hizen.	
473	platyauchen, Mart. (var.)	Nishigo, Uzen,	.05–.08
669	platyauchen, Mart. (small var.)	Mikuriya, Suruga,	.04–.07
502	platydera, var. lambda, Bttg.	Nohara, Yamato,	.05–.08
*763	platydera, var. kiiensis, Pils.	Tomisato, Kii,	.06–.10
*434d	platyderula, Pils.	Aki, Awa.	
*653b	pseudoshimæ, Pils.	Oshima, Osumi.	
*664a	ptychocyma, Pils.	Tanegashima, Osumi,	.08–.12
*664b	ptychocyma, var. yakushimæ, Pils.	Yakushima, Osumi,	.07–.10
*993	sadoensis, Pils.	Misakimura, Sado.	
656	schmackeri, Sykes.	Kochi, Tosa,	.07–.10
987	sericina, Mlldff.	Omimura, Echigo.	
*736b	sericina, var. rhopalia, Pils.	Mikuriya, Suruga,	.08–.15
*506	shikokuensis, Pils.	Ushirogawa, Tosa,	.07–.10
*820	shikokuensis, Pils. (small var.)	Tairiuji, Awa (Shikoku),	.05–.07
*506c	shikokuensis, var. inokuchiensis, Pils.	Inokuchimura, Tosa.	
*345	sieboldi, var. diptyx, Pils.	Hirado, Hizen,	.04–.06
622	stearnsii, Pils.	Yaeyama, Loochoo,	.08–.12
*594	stearnsii, Pils. (small var.)	Loochoo.	

*670	stereoma, Pils.	Yakushima, Osumi,	.08–.12
*661	stereoma, var. cognata, Pils.	Tanegashima, Osumi,	.06–.10
*670a	stereoma, var. hexaptyx, Pils.	Yakushima, Osumi.	
*671	stereoma, var. nugax.	Yakushima, Osumi.	
*505	subaurantiaca, Pils.	Toyonishikami, Nagato,	.06–.10
*488	subjaponica, Pils.	Ibuki, Omi,	.05–.08
*766	subulina, var. leucopeas, Pils.	Tomisato, Kii.	
*688	surugensis, Pils.	Mikuriya, Suruga,	.06–.10
*1007	sus, Pils.	Muya, Awa.	
*662	tanegashimæ, Pils.	Tanegashima, Osumi,	.08–.12
*813	tantilla, Pils.	Goto, Hizen,	.08–.12
8	tau, Bttg.	Kyoto, Yamashiro,	.01–.02
*550	tosana, Pils.	Ushirogawa, Tosa,	.07–.12
*638b	tryoni, Pils.	Hachijo, Izu,	.08–.12
*816	una, Pils.	Goto, Hizen.	
462	valida, var. fasciata, Sykes.	Miyako, Loochoo,	.04–.06
*633	valida, var. perfasciata, Pils.	Kunchan, Loochoo,	.05–.08
732	(Reinia) variegata, A. Ad.	Hirado, Hizen,	.04–.07
*942	(Reinia) variegata, var. nakadai, Pils.	Hachijojima, Izu.	
675	vasta, Bttg.	Fukuregi, Higo.	

"CRYSTALLUS."

* . . .	velatus, Gude.	Kyoto, Yamashiro.
* . . .	sulcatus, Gude.	Kyoto, Yamashiro.

COCHLICOPA.

362	lubrica, Müll.	Shikunobe, Ojima,	.05–.07

CYCLOPHORUS.

2	herklotsi, Mart.	Kyoto, Yamashiro,	.02–.04

*421	herklotsi, var. expallescens, Ehrm.	Kagoshima, Satsuma,	.05–.07
*644	hirasei, Pils.	Oshima, Osumi.	
*574	kikaiensis, Pils.	Kikai, Osumi,	.06–.10
*684b	kikaiensis, Pils.	Kikai, Osumi, (fossil.)	.10–.15
372	turgidus, Pfr.	Loochoo,	.03–.05
684a	turgidus, Pfr. (fossil, large var.)	Kikai, Osumi,	.10–.15
*713	turgidus, var. angulatus, Pils.	Loochoo,	.12–.20

CYCLOTUS.

54	campanulatus, Mart.	Senzan, Awaji,	.04–.06
*612	hirasei, Pils.	Loochoo,	.06–.10
*307	micron, Pils.	Kashima, Harima,	.03–.05

DIPLOMMATINA.

*604	cassa, Pils.	Kodakari, Hida,	.04–.07
512	collarifera, S. & B.	Ibuki, Omi,	.04–.07
*870	dormitor, Pils.	Kikaigashima, Osumi.	
*620	insularum, Pils.	Yaeyama, Loochoo,	.05–.08
*822	kiiensis, Pils.	Tairiuji, Awa (Shikoku),	.05–.08
*305b	kobelti, Ehrm.	Kashima, Harima,	.04–.06
*812	kobelti, var. ampla, Pils.	Goto, Hizen,	.05–.08
*629	luchuana, Pils.	Kunchan, Loochoo.	
305a	nipponensis, Mlldff.	Kashima, Harima,	.04–.06
*647	oshimæ, Pils.	Oshima, Osumi.	
*836a	pudica, Pils.	Nachi, Kii,	.06–.08
521	pusilla, Mart.	Kashima, Harima,	.04–.07
*487	pusilla, var. omiensis, Pils.	Ibuki, Omi,	.04–.07
*649	saginata, Pils.	Oshima, Osumi,	.06–.10
*639	septentrionalis, Pils.	Kayabe, Ojima,	.05–.08
*668	tanegashimæ, Pils.	Tanegashima, Osumi,	.06–.10
*296	tenuiplica, Pils.	Kashima, Harima,	.04–.06
*648	turris, Pils.	Oshima, Osumi,	.06–.10
*510	uzenensis, Pils.	Nishigo, Uzen,	.05–.08
*679	yakushimæ, Pils.	Yakushima, Osumi,	.06–.10

ENNEA.

*295	iwakawa, Pils.	Kashima, Harima,	.04–.06
*680	iwakawa, var. yakushimæ, Pils.	Yakushima, Osumi,	.05–.08

EULOTA (AEGISTA).

*451	aperta, Pils.	Fukura, Awaji,	.07–.12
*761	aperta, var. cavata, Pils.	Tomisato, Kii,	.08–.12
*787	aperta, var. trachyderma, Pils.	Ikoma, Kii.	
*937	aperta, var. mikuriyensis, Pils.	Mikuriya, Suruga.	
343	friedeliana, Mart.	Hirado, Hizen,	.04–.07
*960	intonsa, Pils. & Hir.	Suimura, Awa.	
288	kobensis, S. & B.	Kyoto, Yamashiro,	.10–.15
*969	kobensis, var. gotoensis, P. & H.	Goto, Hizen.	
*353	martensiana, Pils.	Sedake, Osumi,	.15–.25
*929	minima, Pils.	Oshima, Osumi.	
*590	mimula, Pils.	Kayabe, Ojima,	.08–.12
*753	mimuloides, Gude.	Itanami, Omi.	
475	oculus, Pfr.	Loochoo,	.08–.12
998	subchinensis, Nev.	Loochoo.	
272	vermis, Rve.	Loochoo,	.20–.30

EULOTA (COELORUS).

*9	cavicollis, Pils.	Kyoto, Yamashiro,	.06–.10
*815	caviconus, Pils.	Goto, Hizen.	

EULOTA (EUHADRA).

359	blakeana, Newc. var. blakei, Kob.	Shikunobe, Ojima,	.10–.15
528	blakeana, var. sericea, Gude.	Nobusayama, Teshiwo.	
271	caliginosa, Ad. & R.	Yaeyama, Loochoo,	.08–.12
224	callizona, var. amaliae, Kob.	Tadachi, Shinano,	.05–.08

82	callizona, var. congenita, Smith.	Kobe, Settsu.	
*87	callizona, var. dixoni, Pils.	Inga, Hoki,	.12–.20
399	callizona, var. maritima, P. & G.	Hagi, Nagato,	.05–.08
*239	callizona, var. minor, Gude.	Hagi, Nagato,	.06–.10
393	connivens, Pfr.	Itoman, Loochoo,	.04–.06
472	connivens, var. phaeogramma, Anc.	Kikai, Osumi,	.05–.08
*556	grata, Gude.	Nishigo, Uzen,	.30–.50
73	luhuana, Sowb.	Hirado, Hizen,	.04–.07
*547	luhuana, var. aomoriensis, G., P.	Chojamura, Mutsu,	.08–.15
*186b	luhuana, var. arimensis, G., P.	Tadachi, Shinano.	
248	luhuana, var. eoa, Crosse.	Mikuriya, Suruga,	.10–.15
199	luhuana, var. idzumonis, P. & G.	Takeya, Idzumo.	
*73b	luhuana, var. nesiotica, Pils.	Tanegashima, Osumi.	
*682	luhuana, var. pachya, Pils.	Kikai, Osumi, (fossil)	.15–.20
19	luhuana, var. tsushimana, Mlldff.	Izuhara, Tsushima,	.04–.07
*116	luna, Pils.	Iwamizawa, Ishikari.	
371	mercatoria, Gray.	Loochoo,	.05–.08
496	mercatoria, var. atrata, Pils.	Kunchan, Loochoo,	.10–.30
*683	mercatoria, var. dæmonorum, Pils.	Kikai, Osumi, (fossil.)	.15–.20
*357	oshimæ, Pils.	Oshima, Osumi,	.15–.30
231	peliomphala, Pfr.	Gomei, Kai,	.05–.08
319	peliomphala, Pfr. (large var.)	Kyoto, Yamashiro,	.08–.15
560	peliomphala, var. brandtii, Kob.	Manabe, Hitachi,	.07–.10

90	peliomphala, var. herklotsi, Mart.	Kyoto, Yamashiro,	.04–.06
139	peliomphala, var. nimbosa, Crosse.	Toyado, Shimotsuke.	
*358	peliomphala, var. septentrionalis, Ehrm.	Shikunobe, Ojima,	.06–.10
402	quaesita, Desh.	Nishigo, Uzen,	.05–.08
*994	sadoensis, Pils. & Hir.	Sotokaifumura, Sado.	
225	scaevola, Mart.	Ibuki, Omi,	.20–.30
186a	senckenbergiana, K.	Kokubu, Hida,	.15–.25
199	senckenbergiana, Kob. (var.)	Takeya, Izumo,	.08–.15
*828	senckenbergiana, var. awaensis, Pils.	Suimura, Awa (Shikoku),	.20–.30
*660	submandarina, Pils.	Tanegashima, Osumi,	.12–.20
*835a	submandarina, Pils.	Kikai, Osumi, (fossil.)	.15–.25
*777	submandarina, var. compacta, Pils.	Yakushima, Osumi,	.25–.35
*672	submandarina, var. magna, Pils.	Yakushima, Osumi.	
291	yaeyamensis, Pils.	Loochoo,	.40–.60

EULOTA (EULOTELLA).

4	similaris, Fer.	Kyoto, Yamashiro,	.02–.04
545	commoda, A. Ad.	Kayabe, Ojima,	.06–.10

EULOTA (PLECTOTROPIS).

*431	aemula, Gude.	Takeya, Izumo,	.06–.10
*774	deflexa, Pils.	Tobishima, Ugo,	.12–.20
396	elegantissima, Pfr.	Naha, Loochoo,	.05–.08
*536	elegantissima, var. cara, Pils.	Kunchan, Loochoo,	.07–.12
*943	hachijoensis, Pils.	Hachijo-jima, Izu.	
*407	horrida, Pils.	Nishigo, Uzen,	.12–.20
*596	inornata, Pils.	Yaeyama, Loochoo,	.15–.35
*479	kiusiuensis, Pils.	Kikai, Osumi,	.15–.25
*914	kiusiuensis, var. oshimana, P. & H.	Oshima, Osumi.	

*464	lepidophora, Gude.	Loochoo,	.04–.07
273	mackensii, A. Ad. & Rve.	Yaeyama, Loochoo,	.10–.15
*752	omiensis, Pils.	Itanami, Omi,	.15–.25
*752a	omiensis, var. echizenensis, Pils.	Arato, Echizen.	
*773	pannosa, Pils.	Atsumi, Uzen,	.12–.20
461	scepasma, Pfr.	Loochoo,	.06–.10
*694	shikokuensis, Pils.	Yoshida, Iyo.	
110	trochula, A. Ad.	Izuhara, Tsushima,	.05–.08
10a	vulgivaga, S. & B.	Kyoto, Yamashiro,	.05–.08
10b	vulgivaga, S. & B. var.	Ibuki, Omi,	.05–.08
*825	vulgivaga, var. lanx, Pils.	Suimura, Awa (Shikoku),	.10–.15

EULOTA (ACUSTA).

394	despecta, Gray.	Naha, Loochoo,	.04–.07
459	despecta, Gray. (large var.)	Loochoo.	
685	despecta, Gray. (large var., fossil.)	Kikai, Osumi.	
*474a	despecta, var. kikaiensis, Pils.	Kikai, Osumi.	
*249	gainesi, Pils.	Ushika, Teshiwo,	.10–.15
216	gainesi, var. gudeana, Pils.	Kiyokawa, Ojima,	.06–.10
409	sieboldiana, Pfr.	Nishigo, Uzen,	.03–.05
*14	sieboldiana, var. minor, Gude.	Kyoto, Yamashiro.	

GANESELLA.

*352	adelinæ, Pils.	Oshima, Osumi,	.25–.40
*783b	cristata, Pils.	Nachi, Kii.	
*975	cardiostoma, var. kagaensis, P. & H.	Hakusan, Kaga.	
*734	fausta, Pils.	Mikuriya, Suruga.	
*508	ferruginea, Pils.	Ushirogawa, Tosa,	.10–.15
*309	jacobii, Pils.	Ibuki, Omi,	.15–.25
12	japonica, Pfr.	Kyoto, Yamashiro,	.07–.12

*513a	japonica, var. carinata, Pils. & Gul.	Ibuki, Omi,	.10–.15
*548a	japonica, var. granulosa, Pils.	Kyoto, Yamashiro,	.07–.12
*252	japonica, var. heteroglypta, Pils.	Fukura, Awaji,	.10–.15
106	japonica, var. satsuma, Pils.	Kamo, Shima.	
460	largillierti, var. cincta, Pils.	Loochoo,	.08–.12
535	largillierti, var. cosmia, Pils.	Shimaziri, Loochoo,	.08–.12
74	myomphala, Mart.	Hirado, Hizen,	.15–.25
328	myomphala, var. fusca, Gude.	Kokubu, Hida,	.15–.25
96	myomphala, var. minor, Gude.	Toyonishikami, Nagato,	.10–.15
*260	myomphala, var. omphalodes, Pils.	Omikado, Inaba.	
*289c	notoensis, Pils. & Hir.	Kitanosho, Noto.	
*824	optima, Pils.	Suimura, Awa (Shikoku).	
*61	pagodula, Ehrm.	Nohara, Yamato,	.12–.20
*788	selasia, Pils.	Nachi, Kii.	
*834	sororcula, Pils.	Kikai, Osumi (fossil).	
289	stearnsii, Pils.	Kyoto, Yamashiro,	.30–.40
*689a	tanegashimæ, Pils.	Tanegashima, Osumi.	
*689b	tanegashimæ, var. dulcis, Pils.	Tanegashima, Osumi.	
*577	wiegmanniana, Pils.	Kochi, Tosa.	.10–.15

GEORISSA.

*471	japonica, Pils.	Kashima, Harima,	.04–.07
*623b	luchuana, Pils.	Yaeyama, Loochoo.	

HIRASEA.

*897	acuta, Pils.	Imotoshima, Ogasawara.	
*848	acutissima, Pils.	Hahajima, Ogasawara.	
*849	biconcava, Pils.	Hahajima, Ogasawara.	.10–.15

*800	chichijimana, Pils.	Chichijima, Ogasawara.	
*863	diplomphalus, Pils.	Chichijima, Ogasawara.	
*847	eutheca, Pils.	Hahajima, Ogasawara.	
*864	goniobasis, Pils.	Chichijima, Ogasawara.	
*850	hypolia, Pils.	Hahajima, Ogasawara,	.08–.15
*865	major, Pils.	Chichijima, Ogasawara.	
*854	(Fametesta)mirabilis, Pils.	Hahajima, Ogasawara.	
*801	nesiotica, Pils.	Hahajima, Ogasawara,	.10–.15
*863c	profundispira, Pils.	Chichijima, Ogasawara.	
*802	sinuosa, Pils.	Hahajima, Ogasawara,	.10–.15

HIRASIELLA.

*867	clara, Pils.	Chichijima, Ogasawara.	

HELICINA.

*806	capsula, Pils.	Hahajima, Ogasawara.	
595	hakodadiensis, Hartm.	Kayabe, Ojima,	.05–.08
*852	hirasei, Pils.	Hahajima, Ogasawara,	.10–.15
759	japonica, A. Ad.	Tobishima, Ugo (type loc.),	.08–.12
*575	japonica, var. uzenensis, Pils.	Nishigo, Uzen,	.06–.10
*808	ogasawarana, Pils.	Hahajima, Ogasawara,	.10–.15
*809	ogasawarana, var. discrepans, Pils.	Chichijima, Ogasawara.	
*862	ogasawarana, var. optima, Pils.	Chichijima, Ogasawara.	
*558	osumiensis, Pils.	Kikai, Osumi,	.05–.08
308	reinii, Kob.	Ibuki, Omi,	.04–.06
*55	reinii, var. expolita, Pils.	Senzan, Awaji,	.03–.05
*991	sadoensis, Pils. & Hir.	Sotokaifa, Sado.	
470	verecunda, Gld.	Loochoo,	.04–.07
*624	yaeyamensis, Pils.	Yaeyama, Loochoo,	.04–.07
*807b	yoshiwarana, Pils.	Hahajima, Ogasawara.	
*807a	yoshiwarana, var. arata, Pils.	Hahajima, Ogasawara.	

*857	yoshiwarana, var. microtheca, Pils.	Hahajima, Ogasawara,	.08–.12

KALIELLA.

448	acutangula, A. Ad.	Kyoto, Yamashiro,	.05–.08
*627	austeniana, Pils.	Yaeyama, Loochoo.	
*641	borealis, Pils.	Kayabe, Ojima.	
*482	ceratodes, Gude.	Kashima, Harima.	
*518	circumcincta, Reinh., var. elata, Gude.	Kashima, Harima.	
*609	crenulata, Gude.	Kochi, Tosa.	
*519	fraterna, Pils.	Kashima, Harima.	
*678	gudei, Pils. & Hir.	Kayabe, Ojima.	
*655	harimensis, Pils.	Kashima, Ojima,	.06–.10
*971	kagaensis, Pils. & Hir.	Hakusan, Kaga.	
*697	kyotoensis, Pils.	Kyoto, Yamashiro,	.05–08
*678	gudei, Pils. & Hir.	Kayabe, Ojima,	.08–.12
*. . .	lioderma, Pils.	Kashima, Harima.	
*941	hachijoensis, Pils.	Hachijo-jima, Izu.	
*892	hizenensis, Pils.	Hirado, Hizen.	
*720	modesta, Pils;	Oshima, Higo.	
*300	multivolvis, Pils.	Kashima, Harima,	.05–.08
*466	nahaensis, Gude.	Loochoo,	.04–.07
*625b	nahaensis, var. kunchana, Pils.	Kunchan, Loochoo.	
*490	nanodes, Gude.	Kyoto, Yamashiro.	
*846	ogasawarana, Pils.	Hahajima, Ogasawara,	.10–.15
*891	okiana, Pils.	Hirado, Hizen.	
*514	pagoduloides, Gude.	Kashima, Harima.	
*952	pallida, Pils.	Hachijo-jima, Izu.	
*743	prælta, Pils.	Ryozen, Omi.	
*302	reinhardti, Pils.	Kashima, Harima,	.05–.07
*607	ruida, Pils.	Gojo, Yamato.	
*. . .	subcrenulata, Pils.	Kochi, Tosa.	
*625a	yaeyamensis, Pils.	Yaeyama, Loochoo,	.06–.10
*606a	yamatoensis, Pils.	Gojo, Yamato,	.06–.10

LEPTOPOMA.

275	vitreum, Less.	Yaeyama, Loochoo,	.05–.08

MACROCHLAMYS.

*838	cerasina, Pils.	Tobishima, Ugo,	.08–.15
*821	cerasina, var. awaensis, Pils.	Tairiuji, Awa (Shikoku),	.08–.12
495	doenitzi, Reinh.	Kyoto, Yamashiro,	.06–.08
*785	dulcis, Pils.	Nachi, Kii.	
*465	fulgens, Gude.	Loochoo,	.05–.08
*635	gudei, Pils.	Kunchan, Loochoo.	
*974	kagaensis, Pils.	Hakusan, Kaga.	
*282	micrograpta, Pils.	Kashima, Harima.	
*637	perfragilis, Pils.	Kunchan, Loochoo.	
*1000	perfragilis, var. shikokuensis, Pils.	Kotsuzan, Awa.	
935a	semisericata, Pils.	Kurozu, Kii.	
*666	tanegashimæ, Pils.	Tanegashima, Osumi,	.06–.12

MANDARINA.

*805	exoptata, Pils.	Hahajima, Ogasawara,	.25–.40
*845	exoptata, var. obtusa. Pils.	Hahajima, Ogasawara.	
*860	hirasei, Pils.	Chichijima, Ogasawara.	
467a	mandarina, Gray.	Hahajima, Ogasawara,	.10–.15
*858	mandarina, var. hahajimana, Pils.	Hahajima. Ogasawara,	.25–.40
*467b	mandarina, var. ponderosa, Pils.	Hahajima, Ogasawara,	.15–.25
*896	mandarina, var. conus, Pils.	Imotoshima, Ogasawara.	
906	ruschenbergeriana, Pils.	Chichijima, Ogasawara.	
859	pallasiana, Pfr.	Chichijima, Ogasawara.	

MELAMPUS.

446	caffer, Krauss.	Hirado, Hizen,	.03–.05

MICROCYSTINA.

*949	circumdata, Pils.	Hachijojima, Izu.	
*482	ceratodes, Gude.	Kashima, Harima.	
*667	hiraseana, Pils.	Tanegashima, Osumi.	.06–.12
*803	hahajimana, Pils.	Hahajima, Ogasawara,	.08–.12
*973	nuda, Pils.	Hakusan, Kaga.	
483	sinapidium, Reinh.	Kashima, Harima,	.06–.10
*900	yakuensis, Pils.	Yakushima, Osumi.	
*1002	higashiyamana, Pils. & Hir.,	Higashiyama, Awa.	

NESOPUPA.

*855	dedecora, Pils.	Hahajima, Ogasawara,	.08–.12

OMPHALOTROPIS.

*588	japonica, Pils.	Kashiwashima, Tosa.	.05–.08

OPEAS.

*286a	brevispira, Pils.	Kashima, Harima,	.08–.12
456a	gracilis, Hutt.	Loochoo,	.05–.07
*286b	kashimæ, Pils.	Kashima, Harima,	.04–.07
*313b	kyotoensis, Pils.	Kyoto, Yamashiro,	.04–.07
*456b	obesispira, Pils.	Loochoo,	.05–.07
313a	pyrgula, A. Ad.	Kyoto, Yamashiro,	.04–.07

OTESIA.

673	japonica, Mlldff.	Kagoshima, Satsuma.	

PUNCTUM.

*553	amblygonum, var. pretiosum, Gude.	Fukura, Awaji,	.04–.07
*517	japonicum, Pils.	Kashima, Harima.	
*553b	morseanum, Pils.	Hirado, Hizen.	

PUPINELLA.

*665a	funatoi, Pils.	Tanegashima, Osumi,	.06–.10
*645	oshimæ, Pils.	Oshima, Osumi,	.06–.10
51	rufa, Sowb.	Senzan, Awaji,	.03–.05
*731b	rufa, var. alba, Pils.	Hirado, Hizen,	.06–.10

*665b	rufa, var. tanegashimæ, Pils.	Tanegashima, Osumi,	.04–.07

PUPISOMA.

*972	edentulum, Drap.	Hakusan, Kaga.	

PYRAMIDULA.

*961	conica, Pils.	Suimura, Awa.	
405	pauper, Gld.	Nishigo, Uzen,	.02–.03
529	pauper, var. depressa, A. Ad.	Nobusayama, Teshiwo,	.05–.07
*950	pauper, var. hachijoensis, Pils.	Hachijo-jima, Izu.	

PYTHIA.

*710b	aegialites, Pils.	Loochoo.	
444	cecillei, Phil.	Hirado, Hizen,	.05–.08
*709	pachyodon, Pils.	Loochoo.	
453	Pythia sp.	Loochoo,	.04–.06

SITALA.

*717	circumcincta, var. elata, Gude.	Takayama, Iyo,	.05–.08
*953	latissima, Pils.	Yaeyama.	

SPIROPOMA (FORMERLY COELOPOMA).

53	japonicum, A. Ad.	Senzan, Awaji,	.03–.05
*658	nakadai, Pils.	Tanegashima, Osumi,	.06–.10

SPHYRADIUM.

972	edentulum, Drap.	Hakusan, Kaga; Kiyotaki, Omi.	

SUCCINEA.

*642	hirasei, Pils.	Tsuchiura, Hitachi,	.05–.08
312	horticola, Reinh.	Kyoto, Yamashiro,	.04–.07
408	lauta, Gld.	Nishigo, Uzen,	.03–.05
*617a	ogasawaræ, Pils.	Hahajima, Ogasawara,	.06–.08
*617b	punctulispira, Pils.	Hahajima, Ogasawara.	

TORNATELLINA.

*948	biplicata, Pils.	Hachijojima, Izu.	
*626	inexpectata, Pils.	Yaeyama, Loochoo,	.05–.08
*799	ogasawara, Pils.	Chichijima, Ogasawara.	
*851	tryoni, Pils.	Hahajima, Ogasawara.	

TRISHOPLITA.

*600	collinsoni, var. casta, Pils.	Obi, Hiuga.	
*691	collinsoni, var. okinoshimæ, Pils.	Okinoshima, Tosa.	
*565	cretacea, Gude.	Ushirogawa, Tosa,	.12–.20
*566	cretacea, var. bipartita, Pils.	Toyonishikami, Nagato,	.10–.15
*507	dacostæ, Gude.	Kagoshima, Satsuma.	
*344	dacostæ, var. strigata, Pils.	Hirado, Hizen,	.06–.10
*643	dacostæ, var. awajiensis, Pils.	Anaga, Awaji,	.06–.10
7	goodwini, Smith.	Kyoto, Yamashiro,	.05–.08
*5	goodwini, var. kyotoensis, Pils.	Kyoto, Yamashiro,	.06–.10
310	hilgendorfii, Kob.	Ibuki, Omi,	.05–.08
*746	hilgendorfii, var. chikubushimæ, Pils.	Chikubushima, Omi.	
*751a	hilgendorfii, var. tenuis, Pils.	Ibuki, Omi,	.06–.10
*303	hilgendorfii, var. rufa, Pils.	Kashima, Harima.	
*601	hiugensis, Pils.	Obi, Hinga.	
580	mesogonia, Pils. (var.)	Kochi, Tosa,	.06–.10
581a	pallens, Ehrm.	Arakura, Tosa,	.10–.15
*387	pura, Ehrm.	Inga, Hoki.	
*581b	smithiana, Pils.	Arakura, Tosa,	.10–.15
*389	tosana, Gude.	Ushirogawa, Tosa,	.10–.15
*751b	tosana, var. anozona, Pils.	Akasaka, Mino.	

TROCHOMORPHA.

*650	gouldiana, Pils.	Oshima, Osumi,	.06–.10
631	horiomphala, Pfr. (*fritzei*, Bttg.)	Kunchan, Loochoo.	

TRUNCATELLA.

*811c	kiusiuensis, Pils.	Tanegashima, Osumi,	.05–.08

VERTIGO.

*570	hirasei, Pils.	Yanagawa, Chikugo.

VALLONIA.

281	tenera, Reinh.	Osaka, Settsu.

ZONITOIDES.

1005	arboreus, Say.	Tokyo.	
554	minusculus, Binn.	Fukura, Awaji,	.04–.07
*951	subarboreus, Pils.	Hachijojima, Izu.	

EXPLANATION OF PLATE.

Fig. 1. Ganesella myomphala Martens. Hirado, Hizen.

Fig. 2. Clausilia martensi var. reiniana Kob. Ibuki, Omi.

Fig. 3. Eulota callizona var. dixoni Pils. Takeya, Idzumo.

Fig. 4. Eulota senckenbergiana var. awaensis Pils. Suimura, Awa.

Figs. 5, 6. Eulota elegantissima var. cara Pils. Riukiu.

Fig. 7. Mandarina mandarina var. trifasciata Pils. Nakanoshima, Ogasawara.

Fig. 8. Fametesta mirabilis Pils. Hahajima, Ogasawara.

Fig. 9. Hirasea profundispira Pils. Chichijima, Ogasawara.

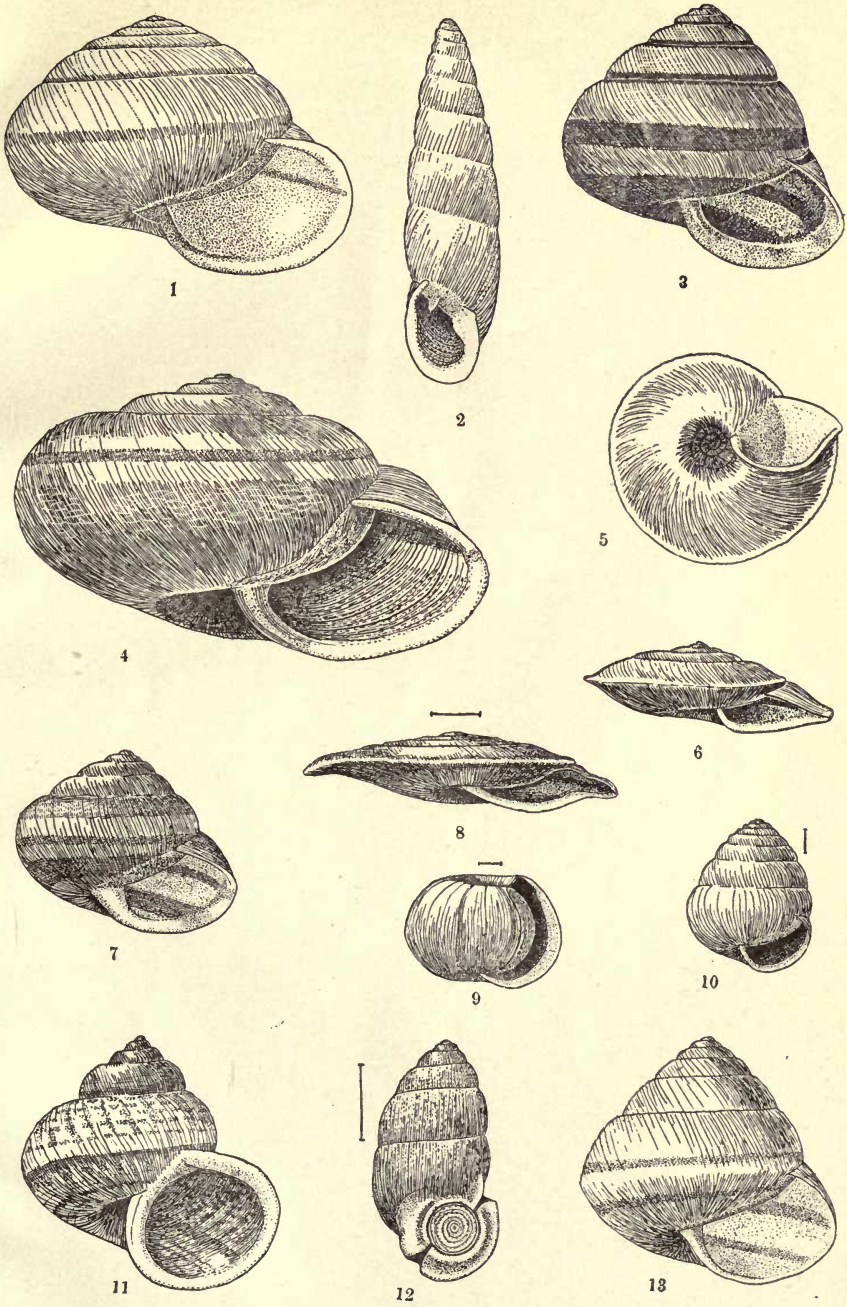
Fig. 10. Hirasiella clara Pils. Chichijima, Ogasawara.

Fig. 11. Cyclophorus hirasei Pils. Oshima, Osumi.

Fig. 12. Pupinella oshimæ Pils. Oshima, Osumi.

Fig. 13. Ganesella largillierti Phil. Riukiu.

Figures 8, 9, 10, 12 are enlarged, the others are natural size.



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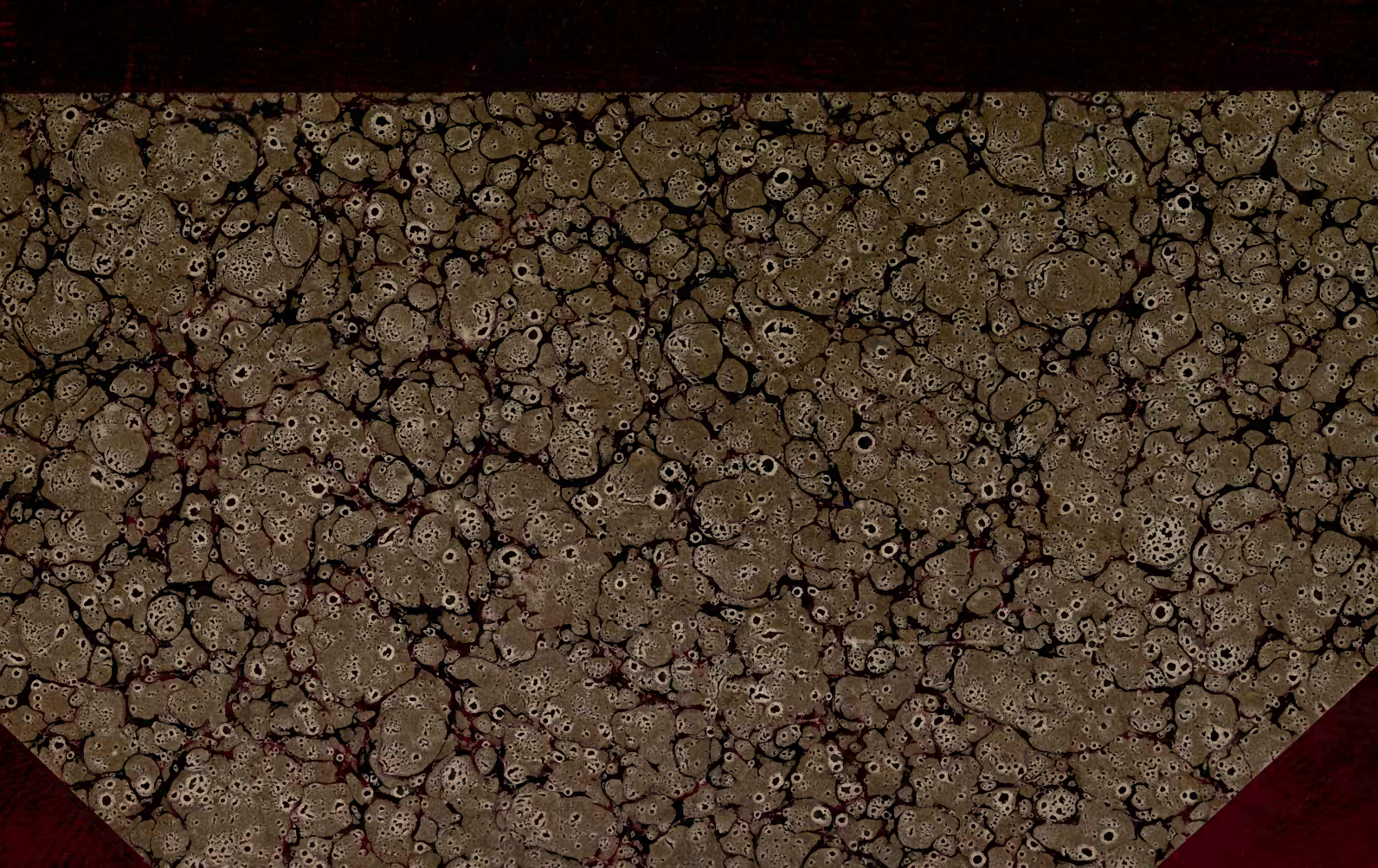
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